

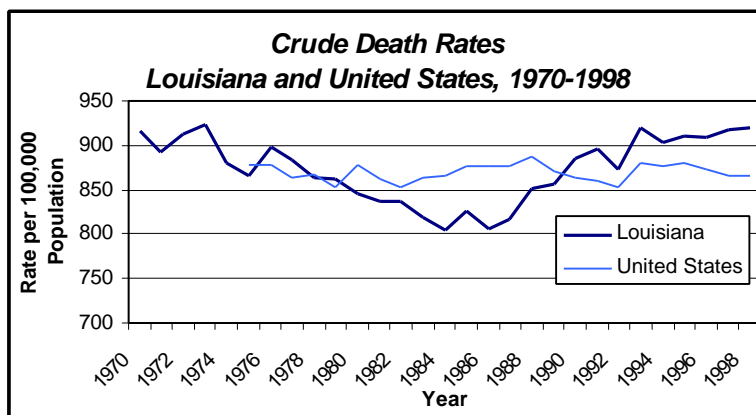


C. DEATHS

Death Counts and Mortality Rates (Crude and Age-Adjusted)

There were 40,209 deaths among Louisiana residents in 1998, representing a slight increase from 39,917 deaths in 1997. Of total deaths, there were approximately equal numbers of males (50.3%) and females (49.7%). In terms of race, 1998 deaths included 27,187 white, 12,810 black, and 212 other race deaths. On three death certificates, race was not recorded. Of total resident deaths, 19.5%, 47.4%, and 21.9% occurred among those aged 45-64 years, 65-84 years, and 85 years and older, respectively. Age information was not recorded in 13 deaths.

Crude death rates are useful for examining the overall mortality in an area or population group, since they utilize total population and do not account for any population attributes. In Louisiana, the crude death rate increased slightly from 917.3 per 100,000 population in 1997 to 920.3 in 1998. In comparison, the United States rate was 864.7 in 1997 and 865.0 in 1998. In Louisiana, the crude death rate has been steadily increasing since the mid-1980s. In 1990 the crude death rate in Louisiana leapt beyond the United States rate and has maintained a wide margin ever since.



Sources: Louisiana State Center for Health Statistics

National Center for Health Statistics (preliminary US 1998 data)

Crude (or unadjusted) death rates give us an estimate of the overall mortality for a population, because they measure deaths in the population as a whole. Crude rates, however, ignore idiosyncrasies in the composition of a population, such as the unusually large number of elderly people who live in parts of Florida. Population idiosyncrasies like this can cause an increase in the crude death rate because of the large number of people in the population who are at high risk of dying because of advancing age.

Adjusted rates (also called standardized rates) are derived from statistical procedures that adjust for differences in population composition, such as age, race, or sex, which can increase or decrease the likelihood of death in one or more of the populations being considered. Age is the most common factor for which adjustment is done, since it is the most significant characteristic related to death and disease.

Because age-adjusted death rates control for the variations in age structures of populations, they make comparisons between mortality rates meaningful. However, the age-adjusted mortality measure is not a true estimation of the death rate, as the crude mortality measure is, and it should not be used in comparisons with crude mortality rates. Differences seen in age-



adjusted rates in two different populations may reflect an actual difference in death rates in the two populations, or may be due to other factors, such as race or sex, which were not taken into account when the adjustments for age were made.

In the table below, crude and age-adjusted mortality rates (adjusted to 1940 United States standard population) are furnished to provide an idea of Louisiana's standing among the neighboring states. (Note: Although Louisiana's final 1998 rates are available and are reported in this document, National Center for Health Statistics preliminary 1998 data for all states have been used in the table to permit comparison with surrounding states.) While all neighboring states' rates are above the national figure, Louisiana's age-adjusted mortality rate lies within the range of the neighboring states' rates.

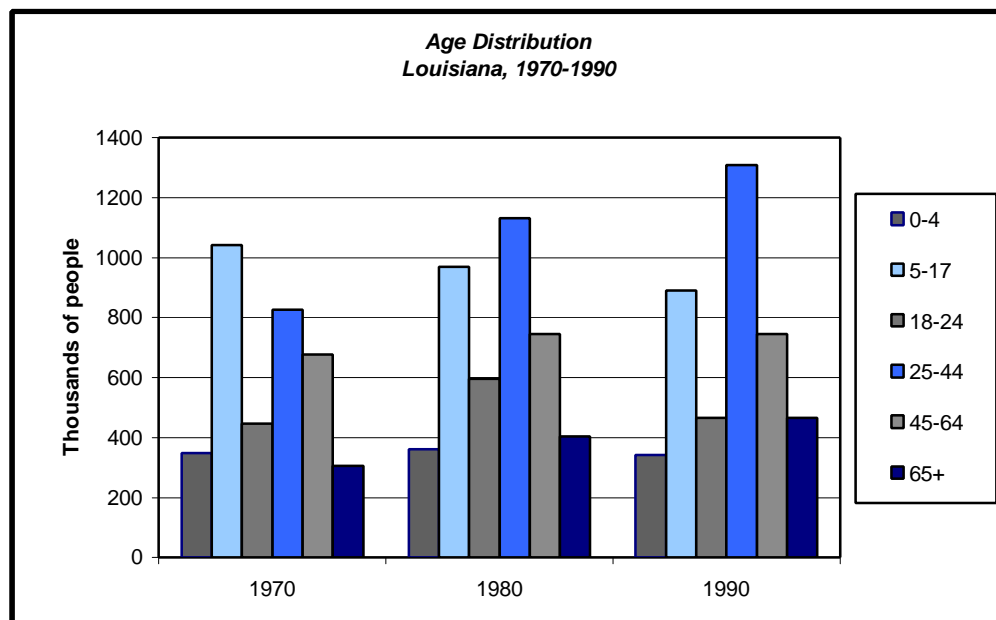
Mortality Rates		
Louisiana, Neighboring States, and United States, 1998		
State	Crude Rate*	Age-Adjusted Rate**
Alabama	1,009.4	565.7
Arkansas	1,084.5	551.4
Louisiana	924.5	576.3
Mississippi	1,012.2	606.9
Texas	721.1	474.6
United States	865.0	470.8

*Rates per 100,000 1998 population

**Rates per 100,000 1940 U.S. standard population

Source: National Center for Health Statistics (preliminary 1998 data)

Some of the difference between Louisiana's crude death rate and the United States rate was affected by the age distribution of the population. The graph below demonstrates how age distributions of populations change over time and highlights the importance of using age-adjusted rates to make comparisons among populations.



Source: Louisiana State Center for Health Statistics



The increase in the crude death rate seen in Louisiana since the mid-1980's is attributable at least in part to the age distribution of the population given in the previous figure. The large 5-24 year old population in 1970 has become older over time and constituted a large 25-44 year old population in 1990. Simply stated, the population of Louisiana in 1990 was older than the state population was in 1970.

As expected, the greatest proportion of deaths occurred in those of the 65-84 and the 85 and older age groups. Death counts for males exceeded those for females in the younger and middle age groups, and were therefore well below female counts in the eldest age group.

Number of Deaths by Age Group and Sex Louisiana, 1998									
Sex	Age Group								Total
	Under 5	5-14	15-24	25-44	45-64	65-84	85+	Unknown	
Male	412	79	572	1,897	4,755	9,762	2,734	10	20,221
Female	334	72	187	975	3,071	9,282	6,064	3	19,988
Total	746	151	759	2,872	7,826	19,044	8,798	13	40,209

Source: Louisiana State Center for Health Statistics

Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1998																	
Parish	Total	Rate*	Race Sex	Age in Years													
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK.
Louisiana	40209	9.2	ALL	606	140	71	80	317	442	959	1913	3004	4822	8319	10725	8798	13
	13418		WM	125	35	13	25	110	154	323	639	1068	1802	3284	3830	2001	9
	13769		WF	93	20	16	26	56	52	137	340	585	1175	2483	4107	4676	3
	6680		BM	205	44	23	16	125	180	342	572	802	1049	1339	1260	722	1
	6130		BF	178	41	18	12	23	53	139	348	529	758	1170	1490	1371	-
	123		OM	3	-	1	1	2	1	12	9	12	22	27	22	11	-
	89		OF	2	-	-	-	1	2	6	5	8	16	16	16	17	-
Acadia	557	9.6	ALL	3	2	-	1	4	5	13	25	28	74	122	152	128	-
	226		WM	2	1	-	1	2	4	9	12	11	39	52	63	30	-
	233		WF	1	1	-	-	1	-	1	7	5	24	48	70	75	-
	43		BM	-	-	-	-	1	-	1	3	7	6	9	11	5	-
	55		BF	-	-	-	-	-	1	2	3	5	5	13	8	18	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allen	237	9.8	ALL	1	1	-	-	2	-	6	9	13	31	50	66	58	-
	81		WM	-	-	-	-	1	-	2	3	6	14	22	21	12	-
	96		WF	-	-	-	-	1	-	1	2	1	14	11	28	38	-
	25		BM	-	1	-	-	-	-	3	1	1	3	5	9	2	-
	27		BF	1	-	-	-	-	-	-	3	2	-	8	7	6	-
	3		OM	-	-	-	-	-	-	-	-	2	-	1	-	-	-
	5		OF	-	-	-	-	-	-	-	-	1	-	3	1	-	-
Ascension	485	6.8	ALL	21	1	-	2	7	4	24	29	40	62	82	131	82	-
	191		WM	4	-	-	1	4	2	10	14	14	24	37	62	19	-
	179		WF	6	-	-	1	2	2	9	9	11	14	36	44	45	-
	58		BM	4	-	-	-	1	-	3	2	11	13	4	13	7	-
	56		BF	7	1	-	-	-	-	2	4	4	11	5	11	11	-
	1		OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Assumption	195	8.5	ALL	4	-	-	1	1	3	6	9	17	21	39	45	49	-
	65		WM	2	-	-	1	-	2	3	3	6	5	14	17	12	-
	61		WF	-	-	-	-	-	1	2	-	2	6	9	16	25	-
	39		BM	1	-	-	-	1	-	1	3	6	6	10	5	6	-
	30		BF	1	-	-	-	-	-	-	3	3	4	6	7	6	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1998																	
Parish	Total	Rate*	Race Sex	Age in Years													
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK.
Avoyelles	446	10.7	ALL	8	1	-	1	1	4	7	10	27	59	84	122	122	-
	181		WM	3	1	-	1	-	2	4	6	10	27	39	58	30	-
	173		WF	2	-	-	-	-	2	-	3	6	11	29	46	74	-
	47		BM	2	-	-	-	1	-	3	1	7	12	9	8	4	-
	43		BF	1	-	-	-	-	-	-	-	4	8	6	10	14	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2		OF	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Beauregard	317	10.2	ALL	2	-	-	-	2	3	3	15	24	42	79	87	60	-
	138		WM	1	-	-	-	2	2	2	10	12	19	40	41	9	-
	140		WF	1	-	-	-	-	-	1	3	9	16	30	36	44	-
	20		BM	-	-	-	-	-	-	-	-	1	6	5	6	2	-
	19		BF	-	-	-	-	-	1	-	2	2	1	4	4	5	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bienville	215	13.7	ALL	1	-	-	1	2	3	2	7	17	23	40	62	57	-
	55		WM	-	-	-	-	-	1	2	3	6	8	13	14	8	-
	70		WF	-	-	-	1	-	-	-	1	3	2	12	21	30	-
	56		BM	1	-	-	-	2	2	-	1	5	10	9	18	8	-
	34		BF	-	-	-	-	-	-	-	2	3	3	6	9	11	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bossier	716	7.6	ALL	12	1	-	3	5	4	11	26	48	86	155	211	154	-
	288		WM	6	-	-	2	1	2	5	12	22	43	82	78	35	-
	285		WF	2	1	-	1	1	2	3	4	11	28	51	96	85	-
	66		BM	-	-	-	-	3	-	1	4	8	10	9	18	13	-
	75		BF	4	-	-	-	-	-	2	5	7	5	12	19	21	-
	1		OM	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	1		OF	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Caddo	2590	10.7	ALL	46	9	4	4	18	21	56	133	192	262	500	719	625	1
	719		WM	5	-	1	2	4	7	17	36	53	77	161	240	115	1
	849		WF	5	1	1	1	4	2	9	20	26	66	125	266	323	-
	507		BM	20	4	1	1	9	10	20	39	70	72	108	90	63	-
	508		BF	16	4	1	-	1	2	9	38	42	46	103	122	124	-
	5		OM	-	-	-	-	-	-	-	-	-	1	3	1	-	-
	2		OF	-	-	-	-	-	-	1	-	1	-	-	-	-	-
Calcasieu	1581	8.7	ALL	27	9	3	3	7	15	33	70	119	209	326	428	332	-
	615		WM	11	6	-	2	3	8	17	34	54	77	139	177	87	-
	576		WF	5	1	1	1	1	1	5	12	25	67	104	168	185	-
	191		BM	4	1	2	-	3	6	7	16	23	31	46	32	20	-
	198		BF	6	1	-	-	-	-	4	8	17	34	37	51	40	-
	1		OM	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caldwell	132	12.4	ALL	-	-	-	3	1	2	1	3	11	17	27	32	35	-
	57		WM	-	-	-	1	-	2	1	2	7	10	11	14	9	-
	52		WF	-	-	-	2	1	-	-	-	2	5	11	13	18	-
	10		BM	-	-	-	-	-	-	-	-	-	2	4	1	3	-
	12		BF	-	-	-	-	-	-	-	1	1	-	1	4	5	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1		OF	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Cameron	65	7.2	ALL	-	1	-	1	-	1	2	5	2	6	16	15	16	-
	31		WM	-	1	-	-	-	1	-	3	1	3	10	9	3	-
	29		WF	-	-	-	1	-	-	2	-	1	3	5	6	11	-
	3		BM	-	-	-	-	-	-	-	1	-	-	-	-	2	-
	2		BF	-	-	-	-	-	-	-	1	-	-	1	-	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Catahoula	114	10.6	ALL	1	-	-	-	1	1	1	2	10	11	27	32	28	-
	47		WM	-	-	-	-	1	-	1	1	4	6	13	14	7	-
	40		WF	-	-	-	-	-	-	-	1	3	2	10	10	14	-
	13		BM	-	-	-	-	-	1	-	-	-	3	2	3	4	-
	14		BF	1	-	-	-	-	-	-	-	3	-	2	5	3	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1998																		
Parish	Total	Rate*	Race Sex	Age in Years														
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+ 84	UNK.	
Claiborne	210	12.3	ALL	3	2	-	1	-	2	6	10	13	22	42	46	63	-	
	61		WM	-	-	-	-	-	1	1	4	4	11	15	11	14	-	
	58		WF	-	-	-	-	-	-	-	1	1	-	12	17	27	-	
	46		BM	2	-	-	1	-	1	4	3	7	3	8	8	9	-	
	45		BF	1	2	-	-	-	-	1	2	1	8	7	10	13	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Concordia	232	10.9	ALL	2	1	-	-	-	4	3	7	14	26	49	75	50	1	
	74		WM	1	-	-	-	-	-	1	3	6	11	23	17	11	1	
	74		WF	1	-	-	-	-	2	-	-	2	8	14	26	21	-	
	38		BM	-	1	-	-	-	-	1	4	3	2	7	15	5	-	
	44		BF	-	-	-	-	-	1	1	-	3	5	5	16	13	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2		OF	-	-	-	-	-	1	-	-	-	-	-	1	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DeSoto	330	13.3	ALL	5	1	2	-	2	2	7	12	23	39	65	88	84	-	
	87		WM	-	-	1	-	-	-	2	2	4	16	23	22	17	-	
	96		WF	1	-	-	-	-	1	-	2	3	14	18	28	29	-	
	75		BM	4	1	-	-	1	1	3	6	9	7	12	18	13	-	
	72		BF	-	-	1	-	1	-	2	2	7	2	12	20	25	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E. Baton Rouge	3095	7.8	ALL	71	11	6	5	33	47	108	179	250	341	586	815	642	1	
	859		WM	7	2	1	1	6	11	11	35	60	109	200	276	139	1	
	955		WF	6	-	2	1	7	1	10	24	43	59	167	308	327	-	
	689		BM	24	3	1	1	16	26	61	80	101	101	107	105	63	-	
	578		BF	34	6	2	2	4	9	22	40	46	68	110	123	112	-	
	8		OM	-	-	-	-	-	-	2	-	-	2	1	3	-	-	
	6		OF	-	-	-	-	-	2	-	-	-	2	1	-	1	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
East Carroll	106	12.1	ALL	-	-	-	-	-	3	3	3	12	14	24	21	26	-	
	27		WM	-	-	-	-	-	-	-	2	-	2	14	4	5	-	
	15		WF	-	-	-	-	-	1	-	-	1	-	2	3	8	-	
	42		BM	-	-	-	-	-	2	3	1	9	8	5	8	6	-	
	22		BF	-	-	-	-	-	-	-	-	2	4	3	6	7	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E. Feliciana	218	10.5	ALL	4	-	-	-	3	5	5	10	16	35	48	44	48	-	
	74		WM	-	-	-	-	1	2	-	2	7	13	22	18	9	-	
	44		WF	-	-	-	-	1	1	1	1	4	4	7	7	18	-	
	51		BM	3	-	-	-	1	1	4	5	2	9	11	9	6	-	
	49		BF	1	-	-	-	-	1	-	2	3	9	8	10	15	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Evangeline	328	9.5	ALL	4	1	1	-	3	5	5	10	23	38	76	98	64	-	
	137		WM	1	-	-	-	3	2	3	3	6	15	36	49	19	-	
	122		WF	1	1	-	-	-	-	-	1	6	10	26	39	38	-	
	36		BM	1	-	1	-	-	1	1	3	7	5	9	4	4	-	
	33		BF	1	-	-	-	-	2	1	3	4	8	5	6	3	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Franklin	280	12.8	ALL	2	2	1	1	2	1	2	15	14	33	60	80	67	-	
	95		WM	2	-	-	-	1	-	-	5	5	12	29	24	17	-	
	98		WF	-	-	-	1	1	-	-	2	6	8	18	32	30	-	
	47		BM	-	1	1	-	-	1	1	5	-	9	6	11	12	-	
	40		BF	-	1	-	-	-	-	1	3	3	4	7	13	8	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grant	184	9.8	ALL	4	-	-	-	2	-	5	3	10	28	34	50	48	-	
	84		WM	3	-	-	-	2	-	3	1	7	14	19	19	16	-	
	70		WF	-	-	-	-	-	-	-	1	1	9	9	23	27	-	
	14		BM	-	-	-	-	-	-	-	-	1	2	4	5	2	-	
	16		BF	1	-	-	-	-	-	2	1	1	3	2	3	3	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	



**Number and Rate of Deaths by Race, Sex, Age Group, and Parish
Louisiana, 1998**

Parish	Total	Rate*	Race Sex	Age in Years													UNK.
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	
Iberia	582	8.0	ALL	10	5	2	1	4	6	10	21	44	62	130	148	139	-
	178		WM	1	2	1	-	3	2	3	6	13	18	48	47	34	-
	216		WF	2	1	1	-	-	2	1	3	14	18	41	60	73	-
	80		BM	4	1	-	1	-	1	2	6	11	12	17	13	12	-
	104		BF	3	1	-	-	1	1	3	6	6	14	23	27	19	-
	1		OM	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	3		OF	-	-	-	-	-	-	-	-	-	-	1	1	1	-
Iberville	309	10.1	ALL	4	1	-	1	2	4	15	18	30	39	60	74	61	-
	89		WM	-	-	-	-	1	1	4	6	7	14	22	21	13	-
	73		WF	-	-	-	-	-	1	-	-	4	4	13	23	28	-
	97		BM	3	1	-	1	-	2	9	8	15	18	15	13	12	-
	49		BF	1	-	-	-	1	-	2	4	4	3	10	16	8	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1		OF	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Jackson	195	12.5	ALL	1	-	-	1	1	1	4	6	15	19	40	53	54	-
	71		WM	-	-	-	-	1	-	1	3	6	14	15	17	14	-
	65		WF	-	-	-	1	-	1	-	-	3	2	11	21	26	-
	34		BM	1	-	-	-	-	-	2	1	2	3	10	7	8	-
	25		BF	-	-	-	-	-	-	1	2	4	-	4	8	6	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jefferson	4111	9.1	ALL	53	13	8	5	17	31	102	165	339	487	893	1147	850	1
	1616		WM	15	5	1	1	8	10	39	66	148	207	423	472	220	1
	1749		WF	6	2	2	1	4	5	18	43	93	155	329	537	554	-
	376		BM	20	5	3	2	3	16	24	35	58	65	73	51	21	-
	325		BF	11	1	2	1	1	-	14	18	39	52	59	80	47	-
	29		OM	1	-	-	-	1	-	7	2	1	5	6	5	1	-
	16		OF	-	-	-	-	-	-	-	1	-	3	3	2	7	-
Jefferson Davis	344	10.9	ALL	6	1	-	-	6	2	6	16	17	30	76	106	78	-
	152		WM	3	1	-	-	2	1	2	8	9	16	44	50	16	-
	129		WF	3	-	-	-	1	-	-	1	4	8	16	44	52	-
	30		BM	-	-	-	-	2	1	3	5	3	4	5	4	3	-
	33		BF	-	-	-	-	1	-	1	2	1	2	11	8	7	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lafayette	1298	7.0	ALL	37	7	-	1	4	16	27	79	110	138	283	312	284	-
	463		WM	8	1	-	-	1	6	17	32	45	51	106	122	74	-
	501		WF	7	3	-	-	1	3	2	17	24	43	92	133	176	-
	171		BM	9	1	-	1	2	5	7	21	20	24	46	22	13	-
	156		BF	13	2	-	-	-	2	1	8	18	20	39	32	21	-
	4		OM	-	-	-	-	-	-	-	-	2	-	-	2	-	-
	3		OF	-	-	-	-	-	-	-	1	1	-	-	1	-	-
Lafourche	678	7.7	ALL	7	1	5	-	6	8	11	29	47	100	145	167	152	-
	303		WM	2	-	-	-	2	4	3	24	20	47	78	81	42	-
	283		WF	4	-	1	-	1	1	5	5	18	34	48	71	95	-
	41		BM	-	-	2	-	3	2	1	-	6	14	6	5	2	-
	46		BF	1	1	2	-	-	-	1	-	3	5	11	10	12	-
	4		OM	-	-	-	-	-	1	1	-	-	-	2	-	-	-
	1		OF	-	-	-	-	-	-	-	-	-	-	-	-	1	-
LaSalle	156	11.1	ALL	1	1	1	-	2	1	1	3	9	17	33	39	48	-
	59		WM	-	1	-	-	-	-	1	2	6	5	15	18	11	-
	86		WF	1	-	1	-	1	1	-	-	2	10	13	21	36	-
	5		BM	-	-	-	-	1	-	-	-	-	1	3	-	-	-
	5		BF	-	-	-	-	-	-	-	-	1	1	2	-	1	-
	1		OM	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	350	8.4	ALL	3	-	-	-	3	4	9	18	20	38	60	116	78	1
	90		WM	2	-	-	-	1	1	1	4	7	12	15	38	9	-
	116		WF	-	-	-	-	1	1	4	1	3	8	19	36	42	1
	78		BM	-	-	-	-	-	2	4	6	6	10	16	21	13	-
	66		BF	1	-	-	-	1	-	-	7	4	8	10	21	14	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**Number and Rate of Deaths by Race, Sex, Age Group, and Parish
Louisiana, 1998**

Parish	Total	Rate*	Race Sex	Age in Years														UNK.
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+		
Livingston	530	6.1	ALL	7	2	1	1	10	7	11	24	44	84	121	131	87	-	
	268		WM	3	1	-	-	7	4	9	13	27	50	70	56	28	-	
	229		WF	4	-	1	1	3	2	2	8	12	30	42	69	55	-	
	20		BM	-	1	-	-	-	1	-	1	5	1	5	4	2	-	
	13		BF	-	-	-	-	-	-	-	2	-	3	4	2	2	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Madison	135	10.3	ALL	1	1	1	-	1	1	1	4	12	15	30	35	33	-	
	27		WM	-	-	-	-	1	-	-	2	4	4	6	5	5	-	
	28		WF	-	-	-	-	-	-	-	-	1	2	8	8	9	-	
	38		BM	-	-	1	-	-	-	1	1	4	4	10	10	7	-	
	42		BF	1	1	-	-	-	1	-	1	3	5	6	12	12	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Morehouse	381	12.1	ALL	11	-	1	-	7	1	9	14	28	39	73	102	96	-	
	111		WM	2	-	-	-	3	-	3	5	6	13	24	38	17	-	
	117		WF	-	-	1	-	2	1	1	3	8	10	23	30	38	-	
	68		BM	4	-	-	-	2	-	3	3	7	7	13	18	11	-	
	85		BF	5	-	-	-	-	-	2	3	7	9	13	16	30	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Natchitoches	360	9.5	ALL	6	-	2	-	3	1	7	17	20	49	60	97	98	-	
	118		WM	1	-	-	-	1	-	1	5	13	18	23	28	28	-	
	109		WF	-	-	1	-	1	-	2	2	-	14	16	34	39	-	
	61		BM	3	-	-	-	-	1	2	7	2	11	8	16	11	-	
	70		BF	2	-	1	-	1	-	2	2	5	5	13	19	20	-	
	1		OM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
	1		OF	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Orleans	5192	11.1	ALL	52	17	8	7	47	94	166	326	439	635	1002	1291	1106	2	
	930		WM	1	-	-	-	1	10	21	48	68	108	205	287	180	1	
	1043		WF	2	1	-	1	-	-	6	14	25	46	154	332	461	1	
	1677		BM	29	11	5	3	41	71	106	170	189	281	343	293	135	-	
	1510		BF	20	5	3	3	5	13	31	91	153	197	292	375	322	-	
	23		OM	-	-	-	-	-	-	1	3	2	2	6	3	6	-	
	9		OF	-	-	-	-	-	-	1	-	2	1	2	1	2	-	
Ouachita	1327	9.0	ALL	22	2	9	4	9	8	32	57	85	150	261	381	307	-	
	463		WM	2	1	4	2	2	2	12	18	36	64	93	166	61	-	
	436		WF	2	-	3	1	2	2	4	14	14	30	87	118	159	-	
	208		BM	10	1	2	1	4	3	13	12	21	31	39	48	23	-	
	216		BF	8	-	-	-	1	1	3	12	14	24	42	48	63	-	
	1		OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	3		OF	-	-	-	-	-	-	-	1	-	-	-	1	1	-	
Plaquemines	168	6.4	ALL	3	-	1	1	3	4	2	14	20	29	39	33	19	-	
	58		WM	-	-	-	-	-	2	1	6	8	7	17	14	3	-	
	52		WF	2	-	-	-	2	2	1	4	4	7	10	13	7	-	
	25		BM	1	-	-	-	1	-	-	4	7	4	4	1	3	-	
	31		BF	-	-	-	1	-	-	-	-	1	10	8	5	6	-	
	1		OM	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
	1		OF	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Pointe Coupee	248	10.6	ALL	1	4	1	2	1	-	7	8	20	36	40	65	63	-	
	74		WM	-	-	-	-	-	-	3	4	7	12	14	20	14	-	
	62		WF	-	-	-	-	-	-	-	-	3	8	4	22	25	-	
	47		BM	1	2	-	-	1	-	1	2	5	5	16	9	5	-	
	65		BF	-	2	1	2	-	-	3	2	5	11	6	14	19	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rapides	1342	10.6	ALL	20	4	3	4	7	10	27	46	99	156	292	360	314	-	
	437		WM	5	1	1	1	3	3	11	13	35	60	113	119	72	-	
	508		WF	2	1	-	2	2	1	4	12	20	40	98	159	167	-	
	217		BM	11	1	2	-	1	-	7	17	30	34	41	38	35	-	
	175		BF	2	1	-	1	1	6	5	4	13	21	39	42	40	-	
	3		OM	-	-	-	-	-	-	-	-	1	1	-	1	-	-	
	2		OF	-	-	-	-	-	-	-	-	-	-	1	1	-	-	



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1998																	
Parish	Total	Rate*	Race Sex	Age in Years													
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK.
Red River	117	11.8	ALL	1	-	-	-	-	-	1	5	6	20	26	34	24	-
	32		WM	-	-	-	-	-	-	-	1	2	7	6	9	7	-
	45		WF	1	-	-	-	-	-	-	2	1	4	10	14	13	-
	22		BM	-	-	-	-	-	-	1	1	1	5	7	5	2	-
	18		BF	-	-	-	-	-	-	-	1	2	4	3	6	2	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richland	269	12.9	ALL	4	-	-	-	4	1	4	18	8	29	48	76	77	-
	99		WM	2	-	-	-	-	1	2	8	3	15	25	25	18	-
	85		WF	-	-	-	-	-	-	2	2	1	4	10	28	38	-
	33		BM	1	-	-	-	4	-	-	3	2	4	7	8	4	-
	51		BF	1	-	-	-	-	-	-	5	2	5	6	15	17	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1		OF	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Sabine	244	10.2	ALL	2	2	-	3	3	5	5	4	15	24	57	64	60	-
	95		WM	-	-	-	1	3	4	4	2	6	14	19	27	15	-
	106		WF	1	1	-	1	-	-	1	1	3	7	23	31	37	-
	17		BM	-	-	-	1	-	1	-	1	3	-	6	4	1	-
	25		BF	-	1	-	-	-	-	-	-	3	3	9	2	7	-
	1		OM	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Bernard	693	10.3	ALL	3	5	1	1	3	6	10	34	49	79	189	189	124	-
	308		WM	2	4	-	-	3	1	5	16	32	40	90	82	33	-
	347		WF	1	1	1	1	-	1	4	16	15	32	94	98	83	-
	22		BM	-	-	-	-	-	3	-	2	2	4	3	5	3	-
	13		BF	-	-	-	-	-	1	1	-	-	1	2	4	4	-
	3		OM	-	-	-	-	-	-	-	-	-	2	-	-	1	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Charles	294	6.1	ALL	5	2	1	1	4	4	6	15	25	38	76	68	49	-
	104		WM	-	-	-	1	-	4	3	9	10	15	29	23	10	-
	104		WF	2	-	-	-	2	-	2	3	5	10	27	25	28	-
	47		BM	1	1	-	-	2	-	-	1	7	7	17	8	3	-
	38		BF	2	1	1	-	-	-	-	2	3	6	3	12	8	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1		OF	-	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Helena	91	9.5	ALL	1	1	-	-	-	1	2	4	9	8	16	31	18	-
	22		WM	1	-	-	-	-	1	1	-	2	1	5	8	3	-
	33		WF	-	1	-	-	-	-	1	2	2	3	6	9	9	-
	15		BM	-	-	-	-	-	-	-	1	2	4	2	4	2	-
	21		BF	-	-	-	-	-	-	-	1	3	-	3	10	4	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James	192	9.0	ALL	2	1	-	-	1	1	4	8	6	31	36	53	49	-
	40		WM	-	-	-	-	-	-	-	3	2	7	12	9	7	-
	64		WF	-	-	-	-	-	-	-	-	-	7	11	20	26	-
	45		BM	1	1	-	-	1	-	1	3	2	12	7	10	7	-
	43		BF	1	-	-	-	-	1	3	2	2	5	6	14	9	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John	280	6.6	ALL	6	3	1	-	1	2	9	14	38	37	51	74	44	-
	71		WM	-	-	-	-	1	1	3	6	8	15	15	18	4	-
	74		WF	-	1	-	-	-	-	1	4	4	4	14	24	22	-
	78		BM	6	-	1	-	-	1	3	2	17	11	12	18	7	-
	57		BF	-	2	-	-	-	-	2	2	9	7	10	14	11	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Landry	879	10.7	ALL	12	5	-	2	9	11	17	40	56	112	191	228	196	-
	274		WM	-	1	-	-	4	4	7	13	17	46	62	67	53	-
	272		WF	1	-	-	1	1	-	2	7	8	24	53	85	90	-
	183		BM	5	2	-	-	4	6	4	12	23	27	38	41	21	-
	150		BF	6	2	-	1	-	1	4	8	8	15	38	35	32	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**Number and Rate of Deaths by Race, Sex, Age Group, and Parish
Louisiana, 1998**

Parish	Total	Rate*	Race Sex	Age in Years														UNK.
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+		
St. Martin	367	7.7	ALL	6	1	1	2	2	8	3	21	25	55	71	98	74	-	
	140		WM	-	-	1	-	1	3	1	11	9	26	35	38	15	-	
	120		WF	-	-	-	-	-	1	1	3	6	12	20	35	42	-	
	60		BM	2	-	-	1	-	1	1	3	5	13	7	16	11	-	
	45		BF	3	1	-	1	1	3	-	4	5	4	9	9	5	-	
	1		OM	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
	1		OF	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary	477	8.3	ALL	7	-	2	3	4	2	15	25	33	69	97	126	94	-	
	160		WM	1	-	1	1	-	1	5	10	11	23	39	46	22	-	
	153		WF	1	-	-	1	-	-	2	4	9	18	24	45	49	-	
	83		BM	3	-	-	-	2	1	6	7	6	17	16	20	5	-	
	74		BF	2	-	1	-	2	-	2	3	6	11	16	14	17	-	
	3		OM	-	-	-	1	-	-	-	-	1	-	1	-	-	-	
	4		OF	-	-	-	-	-	-	-	1	-	-	1	1	1	-	
St. Tammany	1319	7.2	ALL	16	4	1	5	15	15	23	59	95	164	295	342	284	1	
	568		WM	6	2	1	2	8	10	17	21	54	74	148	146	78	1	
	586		WF	3	1	-	3	4	2	4	25	26	67	108	162	181	-	
	83		BM	4	1	-	-	2	3	-	7	8	14	21	13	10	-	
	77		BF	3	-	-	-	-	-	2	6	7	7	17	21	14	-	
	4		OM	-	-	-	-	1	-	-	-	-	2	1	-	-	-	
	1		OF	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Tangipahoa	963	10.1	ALL	14	2	-	1	7	6	17	48	74	123	211	256	201	3	
	347		WM	2	1	-	-	4	2	4	13	27	54	87	95	56	2	
	359		WF	4	-	-	1	-	1	3	13	25	33	61	106	111	1	
	145		BM	5	1	-	-	2	2	9	13	11	21	37	36	8	-	
	112		BF	3	-	-	-	1	1	1	9	11	15	26	19	26	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tensas	94	15.1	ALL	1	-	-	-	-	-	2	5	8	9	18	26	25	-	
	23		WM	-	-	-	-	-	-	-	2	3	2	7	8	1	-	
	20		WF	-	-	-	-	-	-	-	1	1	1	4	2	11	-	
	24		BM	-	-	-	-	-	-	1	2	3	2	6	6	4	-	
	27		BF	1	-	-	-	-	-	1	-	1	4	1	10	9	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Terrebonne	755	7.3	ALL	16	3	1	1	9	8	23	42	48	111	171	201	121	-	
	315		WM	4	2	-	1	5	5	12	23	25	50	88	62	38	-	
	284		WF	3	-	-	-	1	-	7	12	11	34	48	101	67	-	
	66		BM	3	1	-	-	2	1	4	4	4	7	16	19	5	-	
	49		BF	5	-	1	-	-	1	-	1	3	11	11	8	8	-	
	23		OM	-	-	-	-	-	-	-	2	3	5	5	6	2	-	
	18		OF	1	-	-	-	1	1	-	-	2	4	3	5	1	-	
Union	269	12.2	ALL	5	1	-	1	-	1	6	7	16	29	34	99	70	-	
	100		WM	1	-	-	1	-	1	3	-	8	11	17	41	17	-	
	82		WF	1	-	-	-	-	-	2	-	2	6	11	27	33	-	
	43		BM	2	1	-	-	-	-	1	4	5	5	2	15	8	-	
	44		BF	1	-	-	-	-	-	-	3	1	7	4	16	12	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vermilion	504	9.8	ALL	5	1	-	2	4	6	12	17	32	49	98	136	142	-	
	222		WM	1	-	-	1	2	6	8	6	18	21	45	64	50	-	
	208		WF	1	1	-	1	2	-	4	4	9	17	34	55	80	-	
	35		BM	2	-	-	-	-	-	-	4	3	4	13	5	4	-	
	37		BF	1	-	-	-	-	-	-	3	2	6	6	12	7	-	
	1		OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	1		OF	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Vernon	340	6.6	ALL	14	1	-	1	5	8	10	19	19	50	88	74	51	-	
	163		WM	6	1	-	1	3	3	7	8	10	24	48	36	16	-	
	140		WF	5	-	-	-	1	3	1	8	9	18	33	33	29	-	
	19		BM	2	-	-	-	1	1	1	2	-	3	4	3	2	-	
	15		BF	1	-	-	-	-	1	-	1	-	3	3	2	4	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3		OF	-	-	-	-	-	-	1	-	-	2	-	-	-	-	



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1998																	
Parish	Total	Rate*	Race Sex	Age in Years													
				Less than 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK.
Washington	561	12.7	ALL	9	3	1	1	6	11	12	23	38	54	138	139	125	1
	212		WM	2	-	-	-	2	6	5	5	15	28	58	59	32	-
	189		WF	3	-	-	-	-	2	2	4	8	9	44	49	68	-
	83		BM	2	-	-	1	4	2	3	10	9	11	20	14	6	1
	77		BF	2	3	1	-	-	1	2	4	6	6	16	17	19	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Webster	541	12.7	ALL	4	-	2	1	4	1	6	19	31	59	111	167	136	-
	185		WM	1	-	-	-	1	-	4	6	12	25	46	60	30	-
	193		WF	-	-	-	-	3	-	2	2	8	12	31	68	67	-
	85		BM	2	-	1	1	-	1	-	6	7	13	24	17	13	-
	78		BF	1	-	1	-	-	-	-	5	4	9	10	22	26	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W. Baton Rouge	176	8.5	ALL	1	1	-	-	3	4	6	9	21	28	36	42	25	-
	68		WM	-	-	-	-	3	2	2	5	6	9	19	15	7	-
	42		WF	-	1	-	-	-	1	1	1	5	5	7	11	10	-
	35		BM	1	-	-	-	-	-	2	3	5	9	5	6	4	-
	31		BF	-	-	-	-	-	1	1	-	5	5	5	10	4	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Carroll	169	13.8	ALL	1	1	-	-	-	4	4	7	10	15	35	50	42	-
	73		WM	1	-	-	-	-	3	3	4	7	10	16	18	11	-
	69		WF	-	-	-	-	-	1	1	2	-	4	15	24	22	-
	13		BM	-	-	-	-	-	-	-	1	2	-	-	3	7	-
	14		BF	-	1	-	-	-	-	-	-	1	1	4	5	2	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W. Feliciana	80	5.9	ALL	1	-	-	-	1	1	4	3	11	7	15	22	15	-
	25		WM	1	-	-	-	-	1	-	1	5	3	4	8	2	-
	15		WF	-	-	-	-	-	-	-	1	2	1	3	5	3	-
	25		BM	-	-	-	-	1	-	3	1	3	3	6	5	3	-
	15		BF	-	-	-	-	-	-	1	-	1	-	2	4	7	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winn	182	10.1	ALL	4	1	-	-	2	2	-	8	5	19	40	54	47	-
	62		WM	1	-	-	-	1	-	-	3	2	7	17	19	12	-
	62		WF	-	-	-	-	1	1	-	2	1	4	14	16	23	-
	28		BM	1	-	-	-	-	-	-	2	2	3	4	9	7	-
	30		BF	2	1	-	-	-	1	-	1	-	5	5	10	5	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-

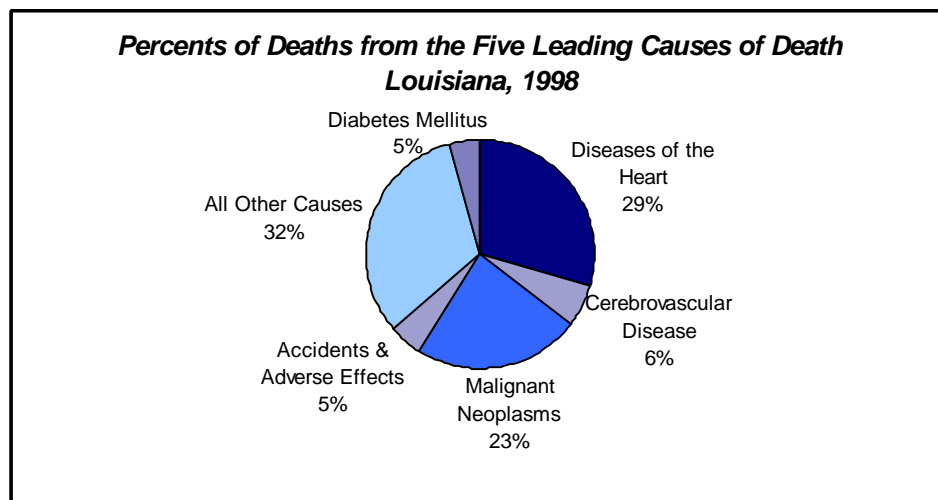
*Rate per 1,000 population

The age-adjusted death rate from all causes for Louisiana in 1998 was 572.9 per 100,000 population. In comparison with the United States and other states, using preliminary 1998 data from the CDC's National Center for Health Statistics, Louisiana's age-adjusted death rate (576.3 per 100,000) is the second highest in the nation, and is markedly higher than that of the United States as a whole (470.8 per 100,000). Louisiana belongs to a group of southern states (Mississippi, Alabama, Georgia, and South Carolina) that traditionally has higher age-adjusted death rates for stroke, cancer, cardiovascular disease, and all-cause mortality.



Leading Causes of Death

Of the total 40,209 deaths to Louisiana residents in 1998, the leading causes of death were (in order) diseases of the heart, malignant neoplasms (cancer), cerebrovascular disease (stroke), accidents & adverse effects, and diabetes, as displayed in the figure below. Sixty-eight percent of all deaths in Louisiana in 1998 are attributable to these five causes.



Source: Louisiana State Center for Health Statistics

The top three causes, diseases of the heart, malignant neoplasms, and cerebrovascular disease, together account for 59% of total deaths. Little variation was observed in the rates compared with 1997. In fact, these top four causes have consistently been the leading causes of death in Louisiana for the past twenty years (see following tables), though the rankings may have changed. The fifth-ranked cause has varied among diabetes, chronic obstructive pulmonary disease (COPD), and influenza and pneumonia. The three leading causes of death in Louisiana are identical to those of the nation as a whole. However, diabetes is a more serious problem in the state (5th) than on the national level (7th), and accidents are ranked higher in Louisiana (4th) than nationally (6th). COPD nationally is ranked higher (4th) than in Louisiana (6th).

While diseases of the heart have been the number one cause of death in Louisiana for many years, the 1998 crude death rate continues the dramatic downward trend over the past two decades in both Louisiana and the United States as a whole. When we look beyond the top five causes of death in Louisiana in 1998, we find COPD; pneumonia and influenza; nephritis, nephrotic syndrome, and nephrosis; septicemia; and homicide and legal intervention rounding out the top ten causes of death in the state. On the national level, the 1998 preliminary (CDC) top ten causes do not include homicide and legal intervention or septicemia, but do include suicide and chronic liver disease and cirrhosis.

The age-adjusted death rates for the leading causes of death in Louisiana were determined by ranking the crude death rates from the highest to lowest and then adjusting these rates (in the same order) for age.



The top five cause-specific, age-adjusted death rates for Louisiana in 1998 were:

- Diseases of the heart
- Cancer
- Cerebrovascular disease
- Accidents and adverse effects
- Diabetes mellitus

In comparing the ten most common causes of death in Louisiana with those of the United States as a whole, deaths from accidents and adverse effects; diabetes mellitus; nephritis, nephrotic syndrome, and nephrosis; septicemia; and homicide and legal intervention ranked higher in Louisiana than in the nation; deaths from COPD and pneumonia and influenza ranked lower. Similarly, almost all of Louisiana's ten age-adjusted rates for leading causes of death are higher than in the United States, COPD and pneumonia being the exceptions.

Age-Adjusted Mortality Rates* for the Top Ten Causes of Death Louisiana and United States, 1998					
Louisiana			United States		
Rank**	Cause of Death	Age-Adjusted Death Rate	Rank**	Cause of Death	Age-Adjusted Death Rate
-	All Causes	572.9	-	All Causes	470.6
1	Diseases of the Heart	149.4	1	Diseases of the Heart	126.0
2	Malignant Neoplasms	143.5	2	Malignant Neoplasms	122.9
3	Cerebrovascular Disease	29.9	3	Cerebrovascular Disease	25.0
4	Accidents and Adverse Effects	39.4	4	Chronic Obstructive Pulmonary Diseases	21.6
5	Diabetes Mellitus	25.8	5	Pneumonia and Influenza	13.5
6	Chronic Obstructive Pulmonary Diseases	20.8	6	Accidents and Adverse Effects	28.5
7	Pneumonia and Influenza	11.5	7	Diabetes Mellitus	13.6
8	Nephritis, Nephrotic Syndrome, and Nephrosis	7.7	8	Suicide	10.0
9	Septicemia	7.7	9	Nephritis, Nephrotic Syndrome, and Nephrosis	4.5
10	Homicide & Legal Intervention	14.3	10	Chronic Liver Disease and Cirrhosis	7.1

*Rates per 100,000 1940 U.S. standard population

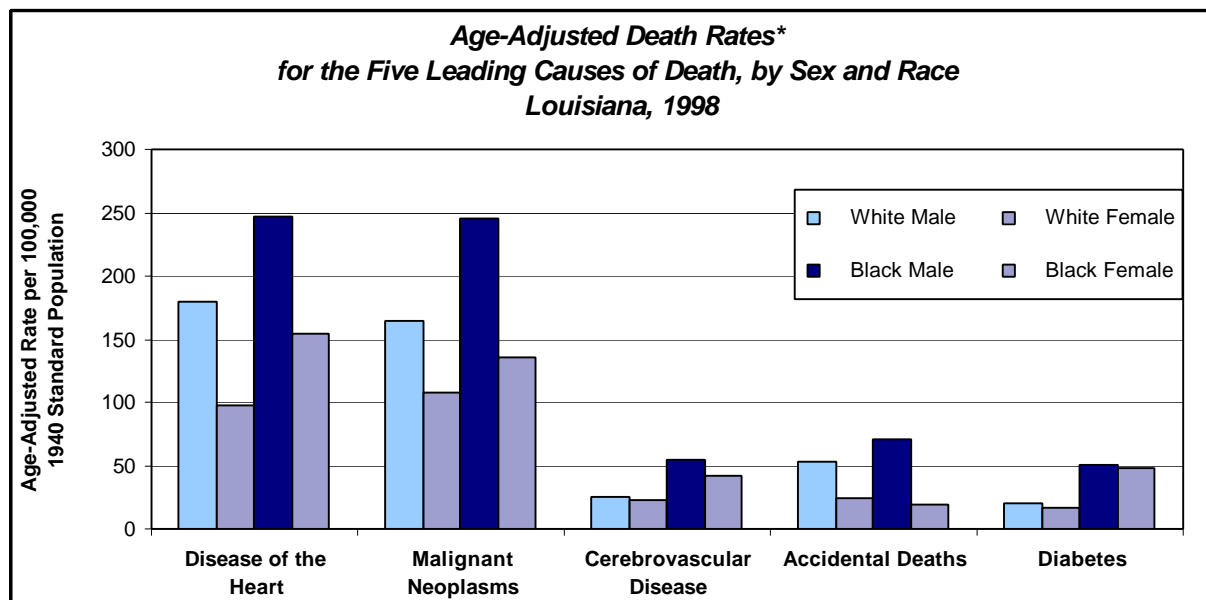
**Causes of death are ranked based on crude death rates before adjusting for age

Sources: Louisiana State Center for Health Statistics

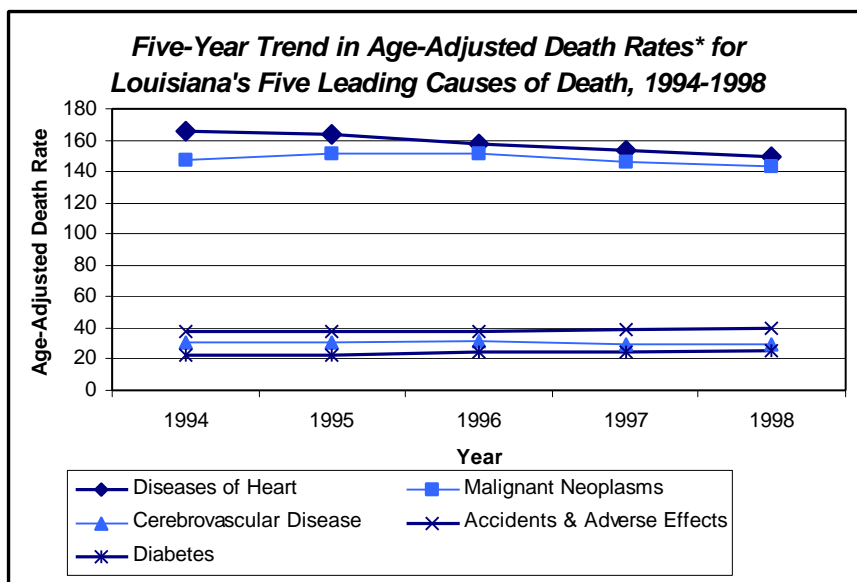
National Center for Health Statistics (preliminary U.S.data)

The following chart illustrates the use of age-adjusted mortality rates when comparing mortality in different population groups. This chart displays age-adjusted mortality rates for the five leading causes of death in Louisiana in 1998.

The age-adjusted rates show that males, particularly black males, are at higher risk than females for death from heart disease, cancer, and accidents. Blacks are at higher risk than whites for death from diabetes and cerebrovascular disease.



The following graph displays overall age-adjusted mortality rates for Louisiana's major causes of death over the past five years. With the exception of heart disease deaths, little has changed since 1994.



The following table lists age-adjusted mortality rates for the four major race-sex groups over the last five years.



Age-Adjusted Death Rates* for Selected Causes of Mortality, by Race and Sex Louisiana, 1994-1998					
Cause of Death/Race/Sex	1994	1995	1996	1997	1998
Diseases of the Heart	165.5	163.2	157.5	153.3	149.4
White Male	203.3	200.7	198.1	191.4	179.4
White Female	108.6	103.5	103.8	101.1	97.8
Black Male	263.7	271.6	248.1	243.2	247.1
Black Female	171.5	172.1	157	150.9	154.6
Cerebrovascular Diseases	30.4	31.1	32.2	30.0	29.9
White Male	27.8	28.8	29.9	27.4	25.2
White Female	22.2	24.9	24.3	22.2	22.6
Black Male	55.8	54.0	57.6	51.2	54.5
Black Female	42.5	38.3	42.2	42.0	42.4
Malignant Neoplasm	147.4	151.2	151.1	146.3	143.5
White Male	173.5	171.4	177.6	163.6	164.9
White Female	112.5	116.7	112.2	112.7	107.3
Black Male	247.9	258.5	256.7	245.7	245.4
Black Female	131.4	142.8	142.1	143.2	135.4
Chronic Obstructive Pulmonary Disease	20.7	20.1	20.1	19.8	20.8
White Male	29.2	25.4	27.2	26.8	26.2
White Female	17.2	17.6	17.1	17.0	18.2
Black Male	25.8	28.9	26.7	25.0	26.7
Black Female	11.1	12.1	11.3	10.3	13.6
Human Immunodeficiency Virus	14.8	16.7	13.8	9.0	8.1
White Male	22.1	20.6	14.2	6.0	5.9
White Female	1.6	0.9	1.5	0.5	0.7
Black Male	40.4	55.32	48.6	37.9	33.3
Black Female	6.9	11.95	12.6	9.8	7.8
Accidental Deaths	38.0	37.6	37.7	38.9	39.4
White Male	55.5	54.8	53.0	56.0	53.6
White Female	20.7	21.3	20.1	22.6	24.4
Black Male	64.4	61.9	69.9	62.5	70.9
Black Female	20.8	20.8	18.6	19.6	19.5
Homicide	22.0	18.5	19.4	16.9	14.3
White Male	9.7	8.0	8.6	8.2	7.3
White Female	2.7	2.2	3.5	3.6	3.8
Black Male	101.4	12.1	82.5	68.2	57.6
Black Female	13.9	45.9	14.2	12.7	9.1
Suicide	12.3	11.8	12.0	11.5	10.3
White Male	22.3	21.8	22.9	21.5	20.3
White Female	6.4	6.1	5.9	6.5	4.8
Black Male	13.5	13.9	13.7	11.7	10.9
Black Female	2.8	2.3	1.6	1.7	1.4
Pneumonia and Influenza	12.0	11.4	11.5	12.2	11.5
White Male	13.9	13.6	13.9	14.5	12.9
White Female	9.1	8.8	9.4	9.3	8.9
Black Male	22.1	17.3	19	20.1	18.2
Black Female	10.6	11.2	8.4	10.3	11.1
Diabetes	22.3	22.7	24.2	24.3	25.8
White Male	16.9	16.9	18.8	18.9	19.8
White Female	15.2	15.1	16.2	15.4	16.5
Black Male	39.6	44.9	42	46.2	50.3
Black Female	42.7	44.1	46.9	46.7	48.5

*Rates per 100,000 1940 U.S. standard population

Source: Louisiana State Center for Health Statistics



Infant Deaths

Overview

Infant mortality encompasses all deaths that occur within the first year of life and excludes fetal deaths (miscarriages and abortions). This measure can be a significant predictor of the health status of a particular area, population, or nation, since it is associated with many factors, such as socioeconomic status and access to health care.

There are several measures used to describe mortality in this age group. While infant mortality measures deaths during the first year, neonatal mortality describes deaths occurring through the first 27 days. Other measures include post-neonatal mortality, which measures deaths occurring from 28 days to one year, hebdomadal mortality, which is limited to the first seven days, and perinatal mortality, which measures deaths occurring late in gestation and after birth.

Infant Mortality Rates* by Race of Child Louisiana, 1998						
Race	Number of Deaths	Infant Mortality Rate	Neonatal Mortality Rate	Post-Neonatal Mortality Rate	Hebdomadal Mortality Rate	Perinatal Mortality Rate
Total	606	9.1	5.9	3.2	4.8	12.5
White	218	5.8	3.8	2.0	2.8	8.7
Black	383	14.0	9.2	4.8	7.7	18.0
Other	5	3.5	0.7	2.8	-	7.6

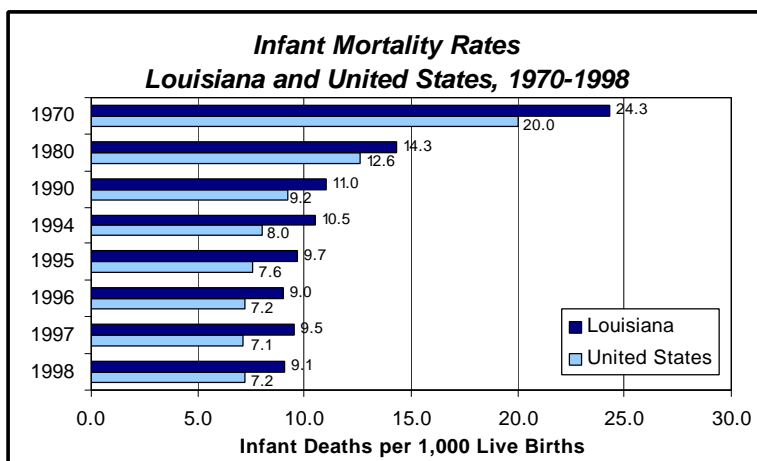
*All rates, except perinatal, are per 1,000 live births

"-" indicates that no death occurred in these categories

Source: Louisiana State Center for Health Statistics

Infant Mortality

Infant mortality is defined as death during the first year of life. This measure excludes fetal deaths (abortions and miscarriages). In 1998 in the state of Louisiana, there were 606 deaths to children under one year of age. The infant mortality rate is defined as the number of deaths within the first year of life per 1,000 live births. As shown in the figure below, the infant mortality rate has been dropping steadily in the past several decades, with the greatest change observed between 1970 and 1980—a 41% reduction. The infant mortality rate has seen an overall decline in the past few years—from 10.5 deaths per 1000 live births in 1994 to 9.1 in 1998.



Sources: Louisiana State Center for Health Statistics

National Center for Health Statistics (preliminary 1998 data)



While the trend in Louisiana reflects a decline in infant mortality rates over the past several decades, the rate is still high compared with the national infant mortality rate. The state mortality rate has been at least 20% greater than the national rate since 1992. In both 1997 and 1998, the United States rate was 7.2 deaths per 1,000 live births. By international standards, even this national rate is high. In 1993, 24 other countries' infant mortality rates were lower than the United States.¹⁴

There are geographic variations in infant mortality as well. As shown in the parish-level tables that follow this section, rates range from 3.0 to 21.6, with the rate for Morehouse parish being seven times the infant mortality rate in Pointe Coupee and West Baton Rouge.

In the table below, infant mortality rates are furnished to provide an idea of Louisiana's standing among the neighboring states. (Note: Although Louisiana's final 1998 rate is available and is reported in this document, National Center for Health Statistics preliminary data for all states have been used in the table below to permit comparison with surrounding states.) While all except Texas' rate are well above the national figure, Louisiana's infant mortality rate lies in the middle of the spectrum of the neighboring state rates.

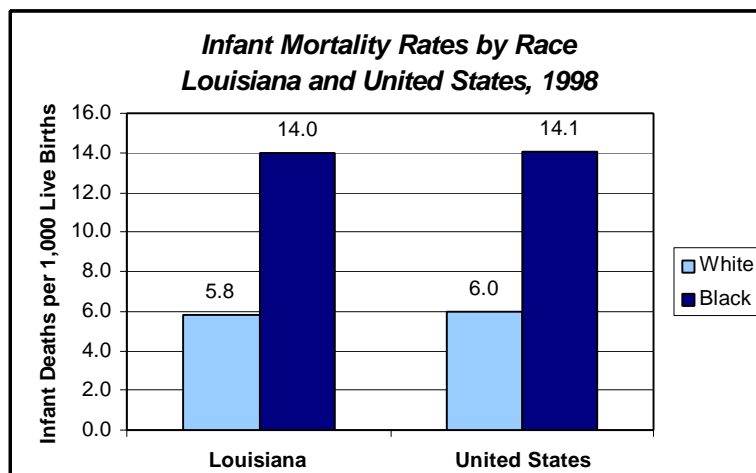
Infant Mortality Rates*		
Louisiana, Neighboring States, and the United States, 1998		
State	Rate	Ranking
Alabama	9.5	5
Arkansas	7.1	26
Louisiana	9.1	6
Mississippi	10.2	1
Texas	6.5	33
United States	7.0	-

*Rate per 1,000 live births

Source: National Center for Health Statistics (provisional 1998 data)

Infant mortality rates differ substantially by race. Though rates of infant deaths are decreasing across racial groups, children born to black mothers tend to have higher infant mortality rates than those born to white mothers. It is important to note that starting in 1989, the race of the mother is used for analyses instead of the race of the child, so race-specific infant mortality rates prior to 1989 are not comparable with more current rates. In 1998, there were 218 white, 383 black, and 5 other race deaths in Louisiana. The infant mortality rates were 5.8, 14.0, and 3.5 deaths per 1,000 race-specific live births respectively. The overall infant mortality rate for blacks is double that of whites.

¹⁴ National Center for Health Statistics. *Health, United States 1996-1997 and Injury Chartbook*. Hyattsville, Maryland, 1997.

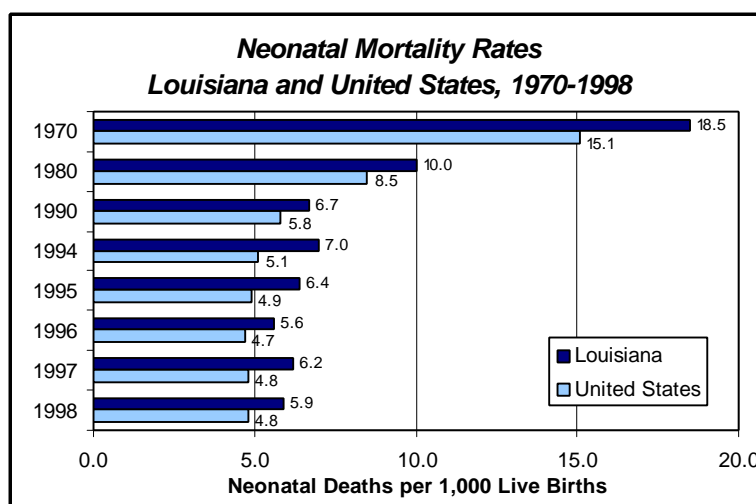


Sources: Louisiana State Center for Health Statistics
National Center for Health Statistics (preliminary 1998 data)

Neonatal Mortality

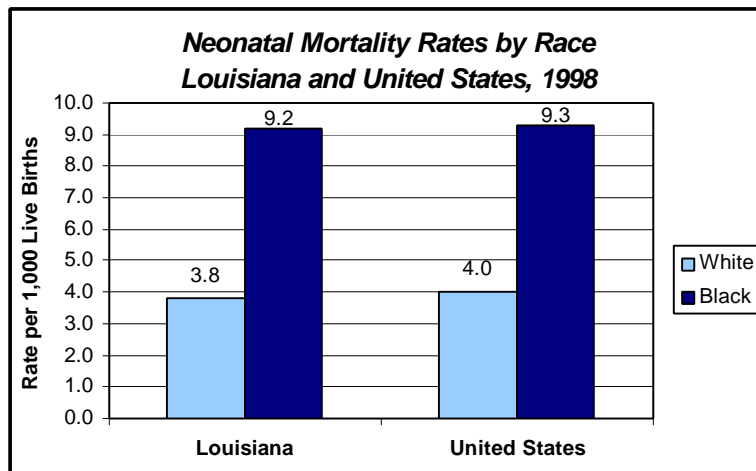
Neonatal mortality represents the period from birth through the first 27 days of life, and the neonatal mortality rate is calculated as the number of deaths during this period per 1,000 live births. In 1998, 395 neonatal deaths accounted for 65% of total infant deaths. The overall neonatal mortality rate was 5.9 per 1,000 live births. This is a decrease from 1997, when the rate was 6.2 per 1,000 live births.

Displayed in the figure below is the pattern of neonatal mortality in Louisiana and the United States. The state rate has been decreasing, though it is still higher than the national rate.



Source: Louisiana State Center for Health Statistics
National Center for Health Statistics (preliminary 1998 data)

Racial disparity is still observed; Louisiana's 1998 neonatal mortality rate for whites was 3.8 per 1,000 live births, while the rate for blacks was twice as high at 9.2 per 1,000 live births. While Louisiana's overall rate is higher than the national rate, the state's race-specific rates are slightly lower than those of the United States.



Source: Louisiana State Center for Health Statistics
National Center for Health Statistics (preliminary 1998 data)



Infant Mortality by Parish and Race of Mother Louisiana, 1994-1998		
Parish / Race	1998 Number of Infant Deaths	1994-1998 Infant Mortality Rate*
Louisiana	606	9.6
White	218	6.4
Black	383	14.3
Other	5	3.4
Acadia	3	12.0
White	3	9.2
Black	0	19.6
Other	0	-
Allen	1	4.3
White	0	3.2
Black	1	8.5
Other	0	-
Ascension	21	9.2
White	10	5.7
Black	11	19.0
Other	0	-
Assumption	4	13.3
White	2	14.6
Black	2	11.7
Other	0	-
Avoyelles	8	8.4
White	5	7.6
Black	3	9.9
Other	0	-
Beauregard	2	7.3
White	2	6.7
Black	0	11.4
Other	0	-
Bienville	1	9.7
White	0	3.8
Black	1	15.9
Other	0	-
Bossier	12	8.5
White	8	6.0
Black	4	14.9
Other	0	12.8
Caddo	46	11.3
White	10	5.2
Black	36	16.8
Other	0	-
Calcasieu	27	8.8
White	16	7.0
Black	10	13.3
Other	1	9.4
Caldwell	0	9.5
White	0	6.0
Black	0	22.7
Other	0	-



Infant Mortality by Parish and Race of Mother Louisiana, 1994-1998		
Parish / Race	1998 Number of Infant Deaths	1994-1998 Infant Mortality Rate*
Cameron	0	9.2
White	0	9.8
Black	0	-
Other	0	-
Catahoula	1	6.9
White	0	6.4
Black	1	8.0
Other	0	-
Claiborne	3	13.0
White	0	4.9
Black	3	18.8
Other	0	-
Concordia	2	8.9
White	2	7.9
Black	0	9.9
Other	0	-
DeSoto	5	10.3
White	1	6.9
Black	4	13.4
Other	0	-
E.Baton Rouge	71	11.3
White	13	4.8
Black	58	18.0
Other	0	6.3
E.Carroll	0	1.2
White	0	-
Black	0	1.6
Other	0	-
E.Feliciania	4	14.0
White	0	9.5
Black	4	18.7
Other	0	-
Evangeline	4	9.4
White	2	7.1
Black	2	13.5
Other	0	-
Franklin	2	8.6
White	2	4.5
Black	0	13.4
Other	0	-
Grant	4	9.9
White	3	8.2
Black	1	19.7
Other	0	-
Iberia	10	10.6
White	3	7.1
Black	7	15.1
Other	0	12.3



Infant Mortality by Parish and Race of Mother Louisiana, 1994-1998		
Parish / Race	1998 Number of Infant Deaths	1994-1998 Infant Mortality Rate*
Iberville	4	9.9
White	0	5.1
Black	4	13.6
Other	0	-
Jackson	1	7.8
White	0	4.4
Black	1	14.2
Other	0	-
Jefferson	53	7.9
White	21	6.1
Black	31	12.9
Other	1	2.2
Jeff. Davis	6	8.0
White	6	5.8
Black	0	15.5
Other	0	-
Lafayette	37	9.6
White	15	6.0
Black	22	18.1
Other	0	-
Lafourche	7	7.3
White	6	6.3
Black	1	12.3
Other	0	-
LaSalle	1	8.8
White	1	10.0
Black	0	-
Other	0	-
Lincoln	3	11.5
White	2	7.8
Black	1	15.1
Other	0	-
Livingston	7	8.2
White	7	7.0
Black	0	23.6
Other	0	-
Madison	1	11.9
White	0	6.6
Black	1	13.8
Other	0	-
Morehouse	11	17.3
White	2	9.4
Black	9	23.5
Other	0	-
Natchitoches	6	11.2
White	1	5.0
Black	5	17.3
Other	0	-



Infant Mortality by Parish and Race of Mother Louisiana, 1994-1998		
Parish / Race	1998 Number of Infant Deaths	1994-1998 Infant Mortality Rate*
Orleans	52	10.2
White	3	7.0
Black	49	11.2
Other	0	2.5
Ouachita	22	9.5
White	4	4.7
Black	18	15.3
Other	0	-
Plaquemines	3	8.5
White	2	8.4
Black	1	8.4
Other	0	9.8
Pt. Coupee	1	8.8
White	0	10.4
Black	1	7.2
Other	0	-
Rapides	20	11.2
White	7	9.0
Black	13	14.6
Other	0	8.1
Red River	1	8.5
White	1	5.7
Black	0	11.5
Other	0	-
Richland	4	11.3
White	2	11.9
Black	2	10.7
Other	0	-
Sabine	2	11.3
White	1	8.7
Black	0	18.0
Other	1	13.3
St. Bernard	3	5.5
White	3	4.9
Black	0	12.9
Other	0	-
St. Charles	5	6.6
White	2	4.9
Black	3	10.3
Other	0	-
St. Helena	1	16.8
White	1	12.1
Black	0	20.9
Other	0	-
St. James	2	10.2
White	0	10.4
Black	2	10.2
Other	0	-



Infant Mortality by Parish and Race of Mother Louisiana, 1994-1998		
Parish / Race	1998 Number of Infant Deaths	1994-1998 Infant Mortality Rate*
St. John	6	9.8
White	0	5.6
Black	6	14.4
Other	0	-
St. Landry	12	10.3
White	1	6.7
Black	11	13.9
Other	0	-
St. Martin	6	10.1
White	0	6.6
Black	5	14.5
Other	1	20.0
St. Mary	7	9.0
White	2	3.8
Black	5	17.6
Other	0	-
St. Tammany	16	6.1
White	9	5.1
Black	7	12.9
Other	0	-
Tangipahoa	14	8.2
White	6	5.4
Black	8	12.4
Other	0	-
Tensas	1	12.6
White	0	-
Black	1	19.6
Other	0	-
Terrebonne	16	10.3
White	7	8.0
Black	8	18.9
Other	1	5.0
Union	5	14.7
White	2	10.1
Black	3	24.0
Other	0	-
Vermilion	5	8.5
White	2	6.2
Black	3	17.5
Other	0	-
Vernon	14	9.1
White	11	8.2
Black	3	14.3
Other	0	-
Washington	9	12.1
White	5	8.7
Black	4	17.3
Other	0	-



Infant Mortality by Parish and Race of Mother Louisiana, 1994-1998		
Parish / Race	1998 Number of Infant Deaths	1994-1998 Infant Mortality Rate*
Webster	4	8.0
White	1	4.4
Black	3	12.8
Other	0	-
W.Baton Rouge	1	8.9
White	0	4.2
Black	1	15.1
Other	0	-
W.Carroll	1	6.8
White	1	9.0
Black	0	-
Other	0	-
W.Feliciana	1	13.9
White	1	6.6
Black	0	22.2
Other	0	-
Winn	4	13.4
White	1	8.7
Black	3	21.0
Other	0	-

*Rate per 1,000 live births. Very small numbers of deaths, such as those seen for 1998 infant mortality, result in rates that are likely to fluctuate from year to year. To create rates that are more stable, 1994-98 five-year infant mortality rates have been calculated.
Source: Louisiana State Center for Health Statistics



Injury Deaths

Injury deaths are a substantial and preventable public health problem and account for approximately 8% of deaths in Louisiana. In 1993, injuries accounted for 57% of all deaths among persons aged 1-34 and 78% of all deaths among persons 15-24 years. Many injury epidemiology and control programs depend on injury mortality and morbidity data for program planning and evaluation.

When referring to injury deaths, the term "injury" includes (a) unintentional injuries, suicides, and homicides and (b) injuries from undetermined intent, legal intervention (i.e. law enforcement), and operations of war. The term does not include adverse effects of either medical care or therapeutic use of drugs.¹⁵

Number and Rate* of Injury Deaths by Cause and Intent of Injury
Louisiana, 1998
N=2990

Cause	Intent											
	Unintentional		Suicide		Homicide		Undetermined		Other		Total	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Cut/pierce	1	0.02	5	0.1	64	1.5	0	0.00	0	0.00	70	1.6
Drowning/submersion	130	3.0	7	0.2	0	0.00	9	0.2	---	---	146	3.3
Fall	190	4.3	3	0.07	0	0.00	0	0.00	---	---	193	4.4
Fire/Burn	96	2.2	1	0.02	2	0.05	2	0.05	---	---	101	2.3
Firearm	35	0.8	343	7.9	439	10.0	7	0.2	3	0.1	827	18.9
Machinery	19	0.4	---	---	---	---	---	---	---	---	19	0.4
Motor-vehicle, Traffic	943	21.6	6	0.1	---	---	0	0.00	---	---	949	21.7
Pedal Cyclist, other**	2	0.05	---	---	---	---	---	---	---	---	2	0.05
Pedestrian, other	21	0.5	---	---	---	---	---	---	---	---	21	0.5
Transport, other	31	0.7	0	0.00	---	---	0	0.00	---	---	31	0.7
Natural,environmental	55	1.3	0	0.00	---	---	1	0.02	---	---	56	1.3
Overexertion	0	0.00	---	---	---	---	---	---	---	---	0	0.00
Poisoning	125	2.9	39	0.9	0	0.00	38	0.9	0	0.00	202	4.6
Struck by, against	20	0.5	---	---	6	0.1	---	---	0	0.00	26	0.6
Suffocation	94	2.2	67	1.5	13	0.3	3	0.1	---	---	177	4.1
Other specified,classifiable	34	0.8	1	0.02	5	0.1	0	0.00	0	0.00	40	0.9
Other specified, not elsewhere classifiable	1	0.02	1	0.02	36	0.8	0	0.00	0	0.00	38	0.9
Unspecified	59	1.4	3	0.1	24	0.5	6	0.1	0	0.00	92	2.1
Total	1856	42.5	476	10.9	589	13.5	66	1.5	3	0.1	2990	68.4

Source: Louisiana Office of Public Health, Injury Research and Prevention Section, Vital Statistics Electronic Files

Note: "---" Indicates category not specified by International Classification of Diseases Coding System

*Rate per 100,000 Residents; Based on 1998 U.S. Census Bureau Estimate

** Other includes railway and nontraffic crashes

¹⁵ Centers for Disease Control and Prevention. "Recommended Framework for Presenting Mortality Data." *MMWR* (46:RR-14) 1997.

